U.S. Patent and Trademark emise V.S. Departmentage commense Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER 16096.11 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/EP03/11493 INTERNATIONAL FILING DATE PRIORITY DATE October 16, 2003 November 13, 2002 TITLE OF INVENTION FILTER ELEMENT APPLICANT(S) FOR DO/EO/US Harald Schmidt Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. 

This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. b. has been communicated by the International Bureau. C. is not required, as the application was filed in the United States Receiving Office (RO/US).  $\boxtimes$ An English language translation of the International Application as filed (35 U.S.C.  $\boxtimes$ is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). b. 7. 🛛 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  $\boxtimes$ a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. ☐ have not been made and will not be made. d. 8. 🔲 An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. 🛛 An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 🖾 A preliminary amendment. 14. An application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. VA 22313-1450.

19. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

postcard; Form PTO 2038; first page of WO publication

20. 🖾

Other items or information:

JC14 Rec'd PCT/PTQ TO 38 (REF 02/2005)

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U.S. APPLICAT					INTERNATION						OCKET NUMBER	
1 0 / 5 3 3 9 9 6 PCT/EP03/11493							193	16096.11				
The following fees are submitted:									CAI	CULATIONS	PTO USE ONLY	
21. 🛛 Basic national fee									\$	\$300.00		
22.										\$200.00		
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority										6500.00		
All other situations									\$	\$500.00 \$1,000.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding									* -	\$1,000.00		
sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.												
Total Sheets	al Sheets Extra Sheets			Number of each additional 50 or fraction thereof (round up to a whole			RATE					
11 - 100 =	11 - 100 = 0 /50 =		0 ·			×	\$250.00	\$	\$0.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).									\$			
CLAIMS NUMBER F			FILED NUMBER EXTRA			٩		RATE				
Total claims			- 20 =		0	×		\$50.00	\$	\$0.00		
Independent claims 1			- 3=		0	0		\$200.00	\$	\$0.00		
								\$360.00	\$	71 000 00		
TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are									\$	\$1,000.00		
reduced by 1/2.									\$	\$0.00		
SUBTOTAL =									\$	\$1,000.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).									\$			
TOTAL NATIONAL FEE =									\$	\$1,000.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per +									\$			
TOTAL FEES ENCLOSED =										\$1,000.00		
									Amount to be refunded:		\$	
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a. A check	k in the	amount of			to cover th	ie abov	e fe	ees is enclose	d.			
b. Please charge my Deposit Account in the amount of A duplicate copy of this sheet is enclosed.									to cover the above fees.			
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 23-3178 . A duplicate copy of this sheet is enclosed.												
d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.												
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.												
OFUE ALL CORPEGNOUS TO												
SEND ALL CORRESPONDENCE TO:											$\mathcal{A}$	
SIGNATURE												
										John M. Guynn		
NAME												
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BY "EXPRESS MAIL" (37 CFR 1 **CERTIFICATE OF MAIL!** Applicant(s): 16096.11 Filing Date Examiner Customer No. **Group Art Unit** Application No. 022913 Unassigned ,2005 Unassigned Unassigned Invention: FILTER ELEMENT I hereby certify that the following correspondence: Transmittal Letter for Patent Application Filed Under 35 U.S.C. 371 (2 pg, in triplicate); Copy of International Application (12 pgs.); Copy of English Translation of International Application (11 pgs.); First page of WO publication (1 pg.); English Translation of the Annex to the International Preliminary Examination Report (3 pgs.); Preliminary Amendment "A" (4 pgs.); PTO Form 2038 in the amount of \$1,000.00; and postcard. (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on lay 4 2005 **Shanon Adkins** (Typed or Printed Name of Person Mailing Correspondence) EV442312291 ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.